

The **HMP-1580** Advanced Part marking system was designed specifically for aerospace product identification. The system can mark parts as small as fasteners to as large as wing spars from the same platform. The working part of the system couples an industrial inkjet printer to our **AS-1000H** Handheld transport device. The **AS-1000H** provides motion of the inkjet print head across the product to create the identification mark. The print head does not touch the product which allows the mark to conform to rough or contoured surfaces. Our **APS-2020** aerospace parts-marking software with a Windows based computer provides an application tailored to the Part Mark requirements of the Aerospace Industry. Database storage of the mark data and format allows fast and accurate part marking. The inkjet printer, the **AS-1000H**, a touch screen POS computer with the **APS 2020** software, and a handheld barcode scanner are combined with the required cables, air and power conditioning equipment on our **MC-1000** inkjet cart to create the **HMP-1580**.

HMP-1580 INKJET PART MARKING SYSTEM



AS-1000H features

- 3.5" marking stroke
- 1.2 second print cycle
- Fixed mounting hardware allows footswitch activation
- Provides 3M usable marking range from cart
- Hood provides stable footprint for marking
- Works in any orientation

OPTIONAL UPSPRAY



**AUTOMATION
PLUS**

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APS2020 Part Marking System

MINIMIZE FORM

Data Entry		Text Entry:		Line Order Spaces		Data Base Controls			
Record Descriptor	PART NUMBER 2	1	1	0	Search Database	<<	<	>	>>
ORDER #	#####	2	2	1	Save Changes To Record	Make A New Record		Delete This Record	Reset The DB
REV	REV A	2	3	2	Record 2 Of 15				
MFR #	MFR 55555	3	2	2					
YYWWCC	01/26/2021	2	1	0					
PLACE NOTES HERE		0	1	0					
		3	1	0					

Master Tab	Future	Serializer Settings	Rotary Motor Option	Linear BarCodes	Dual 2D Codes Option	Future	Future
Printer Font 5X7 Tri Line	Printer Count 0	Add New Pic		PART NUMBER 2320200929162920.jpg PART NUMBER 2320200929162925.jpg PART NUMBER 2320200929162932.jpg PART NUMBER 2320200929162932.jpg PART NUMBER 232020030105114.jpg PART NUMBER 2320201210154953.jpg PART NUMBER 2320210126180708.jpg			
Project Count 0	Show Large View						
Printer Setup							
Printer Line Speed Presets							
☐ Large Parts ☐ Medium Parts ☐ Small Parts ☐ 2D Printing							

Print Preview	Text And Graphics To Be Sent And Printed By The Video Jet Printer	VideoJet 1000 Series	Send Data To Printer 1
Log Out of APS	PART NUMBER 2 ORDER # ##### REV A 01/26/2021 MFR 55555	 NO PRN	 NO PRN
Print Delay 20			

APS-2020 Features

- Database storage of part mark fields and templates
- Barcode input of part mark data
- Part mark data recalled and ready for print in seconds
- Multiple pictures taken with web cam then recalled with data to confirm part and mark location.
- Print size adjustability from .08" to .375"/character
- 1-4 line marking formats with up to four graphics
- 5-8 line marking format with 2 trigger pulls
- Graphics Generator for Logos and Bugs
- Serializer with database storage of last number used
- Printable 2D barcodes including verifiable UID matrix code
- Network interface to MRP/ERP

Inkjet System

- Inkjet process is recognized by MIL STD 130
- Inks approved for the majority of aerospace manufacturers
- Inks dry to touch in seconds

Requirements

- 115/230 VAC
- 500 watt

